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## WHAT IS CLAIMED IS:

1. A display apparatus having an optical material between a pair of substrates, and having a plurality of display pixel sections,

wherein each of the substrates has a glass substrate and a film that is attached to an outer surface of the glass substrate and has a thickness greater than a thickness of the glass substrate,

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at least one of the films is formed of a polarizer plate, and

each of the glass substrate is formed to have a thickness that permits bending of the display apparatus.

- 2. The display apparatus according to claim 1, wherein the thickness of each of the glass substrates is 0.15 mm or less.
- 3. The display apparatus according to claim 2, wherein the display apparatus is formed to be bendable with a radius of curvature of 200 mm or less.
- 4. The display apparatus according to claim 1, wherein the optical material is a liquid crystal composition.
  - 5. The display apparatus according to claim 1, wherein the optical material is an EL (electroluminescence) material.
  - 6. The display apparatus according to claim 1, wherein the display apparatus includes a spacer that is

disposed between the pair of substrates, the spacer being fixed on at least one of the substrates.

- 7. The display apparatus according to claim 1, wherein each of the display pixel section includes a TFT (thin film transistor) and a pixel electrode, which are formed on one of the glass substrates.
- 8. The display apparatus according to claim 7, wherein the TFT includes a p-Si film (polysilicon film).
- 9. A display apparatus having a plurality of display pixel sections on one of major surfaces of a substrate,

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wherein the substrate has a glass substrate and a polarizer plate that is disposed to extend to an end part of the glass substrate on the other major surface of the substrate, and has a thickness greater than a thickness of the glass substrate, and

the glass substrate is formed to have a thickness that permits bending of the display apparatus.

- 20 10. The display apparatus according to claim 9, wherein the thickness of the glass substrate is 0.15 mm or less.
  - 11. The display apparatus according to claim 10, wherein the display apparatus is formed to be bendable with a radius of curvature of 200 mm or less.
  - 12. The display apparatus according to claim 10, wherein the thickness of the polarizer plate is 0.5 mm

or less.

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13. The display apparatus according to claim 9, wherein the display pixel section includes a switch element near an intersection of a signal line and a scan line that are disposed to be substantially perpendicular to each other on the glass substrate, and

the switch element is composed of a thin film transistor including a polysilicon film.

14. The display apparatus according to claim 13, wherein the display apparatus includes:

a signal line drive circuit that supplies a drive signal to the signal line; and

a scan line drive circuit that supplies a drive signal to the scan line, and

the signal line drive circuit and the scan line drive circuit are provided on the glass substrate.

- 15. The display apparatus according to claim 14, wherein the signal line drive circuit and the scan line drive circuit are composed of thin film transistors each including a polysilicon film.
- 16. A method of manufacturing a display apparatus having an optical material between a pair of glass substrates comprising:
- (a) a step of attaching the pair of glasssubstrates together with a predetermined distance;
- (b) polishing an outer surface of each of the glass substrates to a thickness of 0.15 mm or less;

- (c) attaching a film to the outer surface of at least one of the glass substrates, the film having a thickness greater than a thickness of the glass substrate; and
- 5 (d) cutting the film and the pair of glass substrates into a predetermined size.

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- 17. The method of manufacturing a display apparatus, according to claim 16, further comprising, prior to the attaching step, a step of dropping a liquid crystal composition on one of the glass substrates.
- 18. The method of manufacturing a display apparatus, according to claim 16, further comprising, following the cutting step, a step of connecting the glass substrate, on which the film is not attached, to an external electrode terminal.
- 19. The method of manufacturing a display apparatus, according to claim 18, further comprising, following the connecting step, a step of attaching another film on the glass substrate.
  - 20. A display apparatus comprising:

a display panel configured to hold a liquid crystal layer between an array substrate and a counter substrate; and

a backlight unit that illuminates the display panel,

wherein the array substrate includes:

a first light-transmissive insulation substrate;

a signal line and a scan line that are disposed to be substantially perpendicular to each other on one of major surfaces of the first light-transmissive insulation substrate;

a switch element disposed near an intersection of the signal line and the scan line; and

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a pixel electrode connected to the switch element, the counter substrate includes:

a second light-transmissive insulation substrate; and

a counter electrode disposed on one of major surfaces of the second light-transmissive insulation substrate so as to face the pixel electrode, and

polarizer plates are disposed respectively on the other major surfaces of the first light-transmissive insulation substrate and the second light-transmissive insulation substrate, the polarizer plates having thicknesses greater than those of the first light-transmissive insulation substrate and the second light-transmissive insulation substrate.

21. A display apparatus comprising a display panel configured to hold a liquid crystal layer between an array substrate and a counter substrate,

wherein the array substrate includes:

- a first insulation substrate;
- a signal line and a scan line that are disposed to

be substantially perpendicular to each other on one of major surfaces of the first insulation substrate;

a switch element disposed near an intersection of the signal line and the scan line; and

a reflective electrode connected to the switch element,

the counter substrate includes:

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a second insulation substrate; and

a counter electrode disposed on one of major surfaces of the second insulation substrate so as to face the reflective electrode, and

a polarizer plate is disposed on the other major surface of the second insulation substrate, the polarizer plate having a thickness greater than a thickness of the second insulation substrate.

22. A display apparatus with a plurality of display pixel sections, comprising:

an insulation substrate;

a polarizer plate attached to the insulation substrate; and

a touch panel that is attached to the polarizer plate and generates an input signal by sensing a position within a predetermined region.

- 23. A display apparatus comprising:
- a first insulation substrate;

a plurality of display pixel sections provided on one of major surfaces of the first insulation

substrate;

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a second insulation substrate that is disposed to face the display pixel sections of the first insulation substrate;

a polarizer plate that is attached to one of major surfaces of the second insulation substrate, which is opposite to the major surface that faces the display pixel sections; and

a touch panel that is attached to the polarizer plate and generates an input signal by sensing a position within a predetermined region.

- 24. The display apparatus according to claim 22 or 23, wherein the polarizer plate has a thickness greater than a thickness of the insulation substrate.
- 25. The display apparatus according to claim 22 or 23, wherein the touch panel comprises:

a first substrate including a first conductor layer disposed in the predetermined region and a pair of first detection electrodes disposed on opposed two sides of the first conductor layer;

a second substrate including a second conductor layer disposed in the predetermined region and a pair of second detection electrodes disposed on opposed two sides of the second conductor layer, which are perpendicular to the first detection electrodes; and

holding means for holding the first substrate and the second substrate with a predetermined distance, and

the first electrode is attached to the polarizer plate.

26. The display apparatus according to claim 22 or 23, wherein the display pixel section includes a display medium between a pair of electrodes.

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27. The display apparatus according to claim 26, wherein the display pixel section includes a switch element near an intersection of a signal line and a scan line that are disposed to be substantially perpendicular to each other on the insulation substrate, and

the switch element is composed of a thin film transistor including a polysilicon film.

28. The display apparatus according to claim 27, wherein the display apparatus includes:

a signal line drive circuit that supplies a drive signal to the signal line; and

a scan line drive circuit that supplies a drive signal to the scan line, and

the signal line drive circuit and the scan line drive circuit are provided on the insulation substrate.

- 29. The display apparatus according to claim 28, wherein the signal line drive circuit and the scan line drive circuit are composed of thin film transistors each including a polysilicon film.
- 30. The display apparatus according to claim 26, further comprising a columnar spacer that creates

a predetermined gap between the pair of electrodes of the display pixel section.

- 31. The display apparatus according to claim 22 or 23, wherein the insulation substrate on which the polarizer plate is disposed has a thickness of 0.15 mm or less.
  - 32. A display apparatus comprising:

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a display panel configured to hold a liquid crystal layer between an array substrate and a counter substrate;

a backlight unit that illuminates the display panel; and

a touch panel that generates an input signal by sensing a position within a predetermined region,

wherein the array substrate includes:

a first light-transmissive insulation substrate;

a signal line and a scan line that are disposed to be substantially perpendicular to each other on one of major surfaces of the first light-transmissive insulation substrate;

a switch element disposed near an intersection of the signal line and the scan line; and

a pixel electrode connected to the switch element, the counter substrate includes:

a second light-transmissive insulation substrate;
and

a counter electrode disposed on one of major

surfaces of the second light-transmissive insulation substrate so as to face the pixel electrode,

polarizer plates are disposed respectively on the other major surfaces of the first light-transmissive insulation substrate and the second light-transmissive insulation substrate, and

the touch panel is attached to the polarizer plate on the second light-transmissive insulation substrate side.

33. A display apparatus comprising:

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a display panel configured to hold a liquid crystal layer between an array substrate and a counter substrate; and

a touch panel that generates an input signal by sensing a position within a predetermined region,

wherein the array substrate includes:

a first light-transmissive insulation substrate;

a signal line and a scan line that are disposed to be substantially perpendicular to each other on one of major surfaces of the first light-transmissive insulation substrate;

a switch element disposed near an intersection of the signal line and the scan line; and

a pixel electrode connected to the switch element, the counter substrate includes:

a second light-transmissive insulation substrate;
and

a counter electrode disposed on one of major surfaces of the second light-transmissive insulation substrate so as to face the pixel electrode,

a polarizer plate is disposed on the other major surface of the second light-transmissive insulation substrate, and

the touch panel is attached to the polarizer plate.

34. A display apparatus with a plurality of display pixel sections, comprising:

an insulation substrate;

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a touch panel that is attached to the insulation substrate and generates an input signal by sensing a position within a predetermined region; and

a polarizer plate attached to the touch panel.

35. A display apparatus with a plurality of display pixel sections, comprising:

an insulation substrate;

a polarizer plate attached to the insulation substrate; and

a backlight unit that is attached to the polarizer plate and illuminates the display pixel sections.

36. A display apparatus comprising:

an insulation substrate;

a plurality of display pixel sections provided on one of major surfaces of the insulation substrate;

a polarizer plate attached to the other major

surface of the insulation substrate; and

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a backlight unit that is attached to the polarizer plate and illuminates the display pixel sections.

- 37. The display apparatus according to claim 35 or 36, wherein the polarizer plate has a thickness greater than a thickness of the insulation substrate.
- 38. The display apparatus according to claim 35 or 36, wherein the backlight unit includes a light source section and an optical sheet that imparts predetermined optical characteristics to light emitted from the light source section, and

the optical sheet is attached to the polarizer plate.

- 39. The display apparatus according to claim 35 or 36, wherein the backlight unit includes a planar light source section, and the planar light source section is attached to the polarizer plate.
- 40. The display apparatus according to claim 35 or 36, wherein the display pixel section includes a display medium between a pair of electrodes.
- 41. The display apparatus according to claim 40, wherein the display pixel section includes a switch element near an intersection of a signal line and a scan line that are disposed to be substantially perpendicular to each other on the insulation substrate, and

the switch element is composed of a thin film

transistor including a polysilicon film.

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42. The display apparatus according to claim 41, wherein the display apparatus includes:

a signal line drive circuit that supplies a drive signal to the signal line; and

a scan line drive circuit that supplies a drive signal to the scan line, and

the signal line drive circuit and the scan line drive circuit are provided on the insulation substrate.

- 43. The display apparatus according to claim 42, wherein the signal line drive circuit and the scan line drive circuit are composed of thin film transistors each including a polysilicon film.
  - 44. The display apparatus according to claim 40, further comprising a columnar spacer that creates a predetermined gap between the pair of electrodes of the display pixel section.
    - 45. The display apparatus according to claim 35 or 36, wherein the insulation substrate on which the polarizer plate is disposed has a thickness of 0.15 mm or less.
      - 46. A display apparatus comprising:

a display panel configured to hold a liquid crystal layer between an array substrate and a counter substrate; and

a backlight unit that illuminates the display panel,

wherein the array substrate includes:

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- a first light-transmissive insulation substrate;
- a signal line and a scan line that are disposed to be substantially perpendicular to each other on one of major surfaces of the first light-transmissive insulation substrate;
- a switch element disposed near an intersection of the signal line and the scan line; and
  - a pixel electrode connected to the switch element, the counter substrate includes:
- a second light-transmissive insulation substrate; and
- a counter electrode disposed on one of major surfaces of the second light-transmissive insulation substrate so as to face the pixel electrode,
- polarizer plates are disposed respectively on the other major surfaces of the first light-transmissive insulation substrate and the second light-transmissive insulation substrate, and
- the backlight unit is attached to the polarizer plate on the first light-transmissive insulation substrate side.